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				Application Number 09/852,910	09/852,910	
INFOR	MATION DISC	LOSU	RE	Filing Date	May 11, 2001	
OF ESTATEMENT BY APPLICANT				First Named Inventor	Annette GILCHRIST	
050 a 0 3005	,			Group Art Unit	1639	
SEP 9 2006				Examiner Name	Teresa D. Wessendorf	
To THA HOUSEN CA				Confirmation No.	4758	
Sheet	-1	of	4	Attorney Docket Number	2661-101	

U.S. PATENT DOCUMENTS							
Examiner Cite Initials* No.1		U.S. Patent D	ocument Kind Cod (if known)	e²	Name of Patentee or Applicant Date of Public of Cited Document of Cited Document MM-DD-		
two		4,160,452			THEEUWES	07-10-1979	
1	,	4,256,108			THEEUWES	03-17-1981	
		4,265,874			BONSEN et al.	05-05-1981	
		5,034,506	<u> </u>	$\neg$	SUMMERTON et al.	07-23-1991	
<b>V</b>		2004/0220198	A	11	HALDAR et al.	11-04-2004	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senal number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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	INFORMATION DISCLOSURE SEP 9 2005		Application Number	09/852,910	
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	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No. <sup>1</sup>	Office <sup>3</sup> Code	Foreign Patent Docum Number <sup>4</sup>	ent Kind <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Т <sup>6</sup>				
- then		wo	98/19162	A1	FOWLKES et al.	05-07-1998					
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Shedense	3	of	4	Attorney Docket Number	2661-101	

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.1					
Jew		Barker et al., "Constitutively Active 5-Hydroxytryptamine₂c Receptors Reveal Novel Inverse Agonist Activity of Receptor Ligands", J. Biol. Chem., 269(16):11687-11690, 1994.				
ľ		Bertin et al., "Functional Expression of the Human Serotonin 5-HT1A Receptor in Escherichia coli", J. Biol. Chem., 267(12):8200-8206, 1992.				
		Chidiac et al., "Inverse Agonist Activity of β-Adrenergic Antagonists", Mol. Pharmacol., 45:490-499, 1994.				
		Costa and Herz, "Antagonists with negative intrinsic activity at δ opioid receptors coupled to GTP-binding proteins", Proc. Natl. Acad. Sci. USA, 86:7321-7325, 1989.				
2		Costa et al., "Drug Efficacy at Guanine Nucleotide-Binding Regulatory Protein-Linked Receptors: Thermodynamic Interpretation of Negative Antagonism and of Receptor Activity in the Absence of Ligand", Mol. Pharmacol., 41:549-560, 1992.				
'		Farfel et al., "The Expanding Spectrum of G Protein Diseases", New Engl. J. Med., 340(13): 1012-1020, 1999.				
		Flanagan et al., "Advances in understanding gonadotrophin-releasing hormone receptor structure and ligand interactions", Rev. of Reprod., 2:113-120, 1997.				
		Ford et al., "Molecular Basis for Interactions of G Protein βγ Subunits with Effectors", Science, 280:1271-1274, 1998.				
		Gilchrist et al., "Gα COOH-Terminal Minigene Vectors Dissect Heterotrimeric G Protein Signaling", Protocols: Science's STKE, 118, 2002. (Abstract only)				
		Greco et al. "Cancer Gene Therapy: 'Delivery, Delivery, Delivery'", Frontiers in Bioscience, 7:1516-1524, 2002.				
7		Gromoll et al., "Functional and clinical consequences of mutations in the FSH receptor", Mol. and Cell. Endocrinol., 125:177-182, 1996.				
4		Hasegawa et al. "Two Isoforms of the Prostaglandin E Receptor EP3 Subtype Different in Agonist-independent Constitutive Activity", J. Biol. Chem., 271(4):1857-1860, 1996.				
1		Inanobe et al., "Molecular cloning and characterization of a novel splicing variant of the Kir3.2 subunit predominantly expressed in mouse testis", J. Physiol., 521.1:19-30,1999.				
Examiner Signature		T.D. J Date Considered R1/7/06				

<sup>\*</sup>EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
Jew		Leeb-Lundberg et al., "Antagonists of Bradykinin That Stabilize a G-protein-uncoupled State of the B2 Receptor Act as Inverse Agonists in Rat Myometrial Cells", J. Biol. Chem., 269(42):25970-25973, 1994.	
		Lewin, B., "G proteins may activate or inhibit target proteins, " Genes VII, Oxford University Press 2000, Chapter 26, pages 809-811.	
		Lipinski et al., "Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings", Adv. Drug Delivery Rev., 23:3-25, 1997.	
		Matsuoka et al., "Sequence analysis of cDNA and genomic DNA for a putative pertussis toxin-insensitive guanine nucleotide-bindings regulatory protein $\alpha$ subunit", Proc. Natl., Acad. Sci. USA, 85:5384-5388, 1988.	
,		Nielsen et al., "Sequence-selective recognition of DNA by strand displacement with a thymine-substituted polyamide", Science, 254(5037):1497-1500, 1991. (Abstract only)	
		Pei et al., "A constitutively active mutant β <sub>2</sub> -adrenergic receptor is constitutively desensitized and phosphorylated", Proc. Natl. Acad. Sci. USA, 91:2699-2702, 1994.	
,		Ren et al., "Constitutively Active Mutants of the α <sub>2</sub> -Adrenergic Receptor", J. Biol. Chem., 268(22):16483-16487, 1993.	
•		Samama et al., "Negative Antagonists Promote an Inactive Conformation of the β <sub>2</sub> -Adrenergic Receptor", Mol. Pharmacol., 45:390-394, 1994.	
,		Tiberi and Caron, "High Agonist-independent Activity Is a Distinguishing Feature of the Dopamine D1B Receptor Subtype", J. Biol. Chem., 269(45):27925-27931, 1994.	
8		Vanhauwe et al., "Thrombin Receptors Activate G <sub>o</sub> Proteins in Endothelial Cells to Regulate Intracellular Calcium and Cell Shape Changes", J. Biol. Chem., 277(37): 34143-34149, 2002.	
		Vassart et al., "The G Protein-coupled Receptor Family and One of Its Members, the TSH Receptor <sup>a</sup> ", Ann. N.Y. Acad. Sci., 766:23-30, 1995.	
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Examiner Signature		$ \begin{array}{c cccc}  & \text{Date} \\  & \text{Considered} & \frac{12}{106} \end{array} $	

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